



Single Phase Copeland Air Compressor with Vertical Tank Orientation Scroll Compressor

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: DM
- Certification: CE;ISO
- Model Number: DM-YSJ
- Minimum Order Quantity: 1
- Price: \$200~\$100000
- Packaging Details: Wooden case
- Delivery Time: 30 Work days
- Payment Terms: T/T
- Supply Ability: 100000pcs/year



DAMAI COLD CHAIN EQUIPMENT



Product Specification

- Weight: 450 Lbs
- Motor Speed: 1750 RPM
- Power Source: Electric
- Tank Orientation: Vertical
- Type: Reciprocating
- Pump Type: Oil-Lubricated
- Tank Capacity: 80 Gallons
- Horsepower: 2~20HP
- Highlight: Single Phase Copeland Air Compressor,
Single Phase Scroll Compressor,
Vertical Tank Orientation Scroll Compressor

Product Description

Single Phase Copeland Air Compressor with Vertical Tank Orientation Scroll Compressor

Product Description:

Scroll compressors have become the preferred compression technology in the air conditioning industry, replacing older reciprocating and screw compressors. This is due to their undeniable superiority, which has led them to be used in diverse applications, including rooftops, packaged units, split systems, and chillers.

For large capacity systems, multiple compressor assemblies such as tandem and trio are available. These assemblies are fully qualified by Copeland™ and provide optimal comfort, low operating costs, and higher seasonal efficiency.

Overall, the advantages of scroll compressors make them the smarter choice for those in need of cooling solutions, ensuring efficient and reliable performance for any application.



Features:

Features of Scroll Compressor

The scroll compressor is renowned for its simple structure, small size and light weight. Unlike other compressors, it has no reciprocating mechanism, which makes its structure relatively simple and keeps its size and weight small. It features fewer parts and a smaller number of wearing parts, making it more reliable than other compressors.

Another important feature of the scroll compressor is its smooth operation and low vibration. Due to the lack of reciprocating motion, the scroll compressor has a small torque change, which ensures its smooth operation and minimizes vibration and noise. It is also easy to automate and simple to operate.

The efficiency of the scroll compressor is also noteworthy. Within the refrigeration capacity range that it is adapted to, the scroll compressor has a high efficiency. This makes it an ideal choice for various applications.

What's more, the scroll compressor is known for its long life and low maintenance. There is almost no wear between its running parts, making it a "maintenance-free compressor". It is also an ideal power source for pneumatic machinery that requires less maintenance.

Model	Power (HP)	Exhaust capacity M3/h	Air condition(7.2/54.4C)		Weight(Kg)	Height (mm)
			Refrigeration	Input power (W)		
			Capacity(W)			
Single phase						
ZR16K3-PFJ	1.33	3.97	4010	1320	25.9	370.4
ZR18K3-PFJ	1.5	4.37	4400	1440	25.9	370.4
ZR20K3-PFJ	1.69	4.76	4890	1600	25.9	370.4
ZR22K3-PFJ	1.83	5.34	5330	1730	25.9	382.8
ZR24K3-PFJ	2	5.92	5920	1870	26.3	382.8
ZR26K3-PFJ	2.17	6.27	6330	2000	25.9	382.8
ZR28K3-PFJ	2.33	6.83	6910	2150	27.2	382.8
ZR30K3-PFJ	2.5	7.3	7380	2290	28.5	405.5
ZR32K3-PFJ	2.67	7.55	7760	2410	28.1	405.5
ZR34K3-PFJ	2.83	8.02	8200	2520	29.5	405.5
ZR36K3-PFJ	3	8.61	8790	2700	29.5	405.5

ZR40K3-PFJ	3.33	9.43	9670	2970	29.9	419.3
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Applications:

Scroll compressors are a versatile type of compressor that are utilized in a variety of systems, including heat pumps, commercial air conditioners, refrigeration equipment, and electric vehicle scroll compressors. However, they are most commonly used in the following fields:

1. Heat Pumps

Scroll compressors are an ideal technology for heating, cooling, and hot water systems in heat pump applications. They are also ideal for drying systems, making them the preferred choice for a wide variety of heating and cooling applications.

2. Commercial Air Conditioners

Scroll compressors are widely used in commercial air conditioning systems, from multi-split systems to air-cooled heat pump modules. They are highly efficient, quieter and more durable than other compressor types, making them ideal for commercial applications.

3. Refrigeration Equipment

Scroll compressors are also frequently used in refrigeration and freezing equipment such as cold storage and cold chain logistics vehicles. They have a wide operational range and work efficiently at different levels of temperature, making them highly adaptable for different refrigeration applications.

Support and Services:

Our Copeland Air Compressor product comes with comprehensive technical support and services to ensure optimal performance and reliability. Our team of experienced technicians is available to answer any questions you may have regarding installation, operation, and maintenance. We offer on-site troubleshooting and repair services, as well as remote diagnostics and monitoring to identify any potential issues before they become major problems. Additionally, we provide training programs for your staff to ensure they are equipped with the knowledge and skills necessary to operate and maintain the compressor system. Our goal is to provide you with the highest level of support and service to maximize the efficiency and longevity of your Copeland Air Compressor.



FAQ:

Q1: What is the brand name of the air compressor?

A1: The brand name of the air compressor is DM.

Q2: What is the model number of the air compressor?

A2: The model number of the air compressor is DM-YSJ.

Q3: What is the place of origin of the air compressor?

A3: The place of origin of the air compressor is China.

Q4: What certifications does the air compressor have?

A4: The air compressor has CE and ISO certifications.

Q5: What is the minimum order quantity of the air compressor?

A5: The minimum order quantity of the air compressor is 1.



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